

June 2, 2005

BAYSAVER TECHNOLOGIES INC  
ALEXANDER WEISZ  
1302 RISING RIDGE RD SUITE 1  
MOUNT AIRY MD 21771

Re: Description: STORMWATER TREATMENT DEVICE  
Manufacturer: BAYSAVER TECHNOLOGIES INC  
Product Name: BAYSAVER SEPARATION SYSTEM  
**Model Number(s): 3K**  
Product File No: 20050102

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of April 2010.

**This approval supercedes the approval issued on April 28, 2005 under product file number 20050102.**

This approval is contingent upon compliance with the following stipulation(s):

- **This product is approved for the following use:**
  - Stormwater and clearwater treatment for uses so listed in Table Comm 82.70-1, for subsurface infiltration.
- When this product is installed, the installation must be in accordance with the manufacturer's printed design installation instructions Baysaver Technical & Design Manual, (March 2004), ch. Comm 82, plan approval under s. Comm 82.20, and any product approval stipulations. When there is a conflict between manufacturer's installation instructions and plan approval conditions or product approval stipulations, the plan approval conditions or product approval stipulations will take precedence.
- Inspection and maintenance of this product must be performed at intervals specified by the manufacturer as listed in Baysaver Technical & Design Manual, (March 2004), or in accordance with plan approval or s. Comm 82.21, whichever is more restrictive.
- All manholes shall be grouted and sealed as per manufacturer's recommendations and tested for water tightness prior to operation.

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- This product has a permanent embossment that is located on the top of the bypass plate identifying the manufacturer, the city of manufacture, the year manufactured, the applicable model number and a manufacturer's unit number.

**An example of the coding sequence is as follows: M05\*\*703F**

Where:

M = city of manufacture, Mount Airy

05 = year of manufacture, 2005

\*\* = model number of separation unit, i.e., .5 = 1/2K, 01 = 1K, 03 = 3K, 05 = 5K, 10 = 10K

703F = the manufacturer's unit number

- This product shall be installed with two identically-sized standard precast manholes sized in accordance with Table 3, Baysaver Technical & Design Manual, (March 2004) by size (model):

Table 3: Baysaver Separation System Storage Manhole Sizing Guidelines

Separation Unit Size	Max. Treatment Flow in cfs (gpm)	Primary Manhole Diameter (inches)	Storage Manhole Diameter (inches)
3K	7.8 (3498.30)	60	60

- This product will produce an effluent that has less than 60 mg/L TSS for infiltration when the influent and maintenance meets the conditions listed in Table 1, entitled Stormwater and Clearwater Treatment for Baysaver Separation Unit Model 3K.

Table 1  
Stormwater and Clearwater Treatment for  
Baysaver Separation Unit Model 3K

- | Maximum Flow in cu. ft./sec. | Suspended Solid Equivalent | Specific Gravity of Test Material | Maintenance Interval in Months |
|------------------------------|----------------------------|-----------------------------------|--------------------------------|
|------------------------------|----------------------------|-----------------------------------|--------------------------------|

- |          |                      |      |    |
|----------|----------------------|------|----|
| 0.46 cfs | US Silica Sand F-110 | 2.65 | 12 |
|----------|----------------------|------|----|

(This table is based on influent having 200 mg/L TSS.)

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST  
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